Digiscan Labs.
Securing Information Digitally

iPROTECT 1205

Pen-style RF detector

Features

- Easy and quick detection of RF bugs of different types, including VHF/UHF transmitters, GSM bugs, wireless video cameras, Wi-Fi audio and video transmitters, vehicle transmitters, body-carried transmitters, etc.
- 3 working modes: Normal, Vibrating and Audio
- Wide frequency range 50-6000 MHz
- Powered by just 1 x AA battery
- 16-segment bargraph indicator
- Physical attenuator provides ability to locate strong RF sources
- Highly sensitive to real signals without being affected by weak background radio waves
- No sensitivity loss at battery discharge
- Low power indication
- High-quality detection scheme with professional RF isolation
- Reliable and tested device for different sweeping tasks
- Detects both analogue and digital transmissions
- Allows the operator to locate the source
- Vibrating signal for concealed indication of a high RF level and testing hard to access places
- Durable duralumin case
- Battery resource 10-20 hours

Specifications

Frequency range	50MHz-6GHz
Controls	Power button, Mode buton, ATT button
Indicators	1) 16-segment bargraph; 2) Vibration 3) Battery state (3 colors) 4) Working mode 5) ATT state
Batery recource	10-20 hours
Dimensions	172 x 19 mm
Frequency range	100 mA in stand-by mode 200 mA at a full bargraph
Power source	1 x AA battery (LR06)



Parts description

Designed for simplicity, the iProtect 1205 contains powerful highly-sensitive elements in its circuitry, allowing the operator to conduct countersurveillance sweeping at a highly professional level. The advantage of RF detectors is their wide frequency coverage and their ability to show radio waves right near the source and therefore show the location of the transmitter.

The iProtect 1205 solves this task in the best possible way, accurately eliminating any background noises and indicating real signals. With the help of the 1205 the operator can track all RF sources and is therefore able to find the bugging deviceif there is one present.

The iProtect 1205 has a16-segment bargraph indicator which allows the operator to see the slightest changes in level and as such accurately find the area with the strongest signal for location.

When it is necessary to decrease the sensitivity, typically during the location pre cess, the operator can use the attenuator function ATT. The iProtect 1205 has a 'physical' (as in professional communications) RF attenuator of a level up to -20dB. The corresponding indicator will show the attenuator status.

The working mode (Vibrating/Audio/Normal) can be selected by the MODE button. The vibrating mode allows the user to 'feel' the increased level without actually watching the bargraph. This is convenient during the process of inspecting hard to access places like gaps under/behind furniture and construction. The Audio mode helps the user to identify signals in many cases.

The power can be turned on and off with the help of the button on the bottom tip of the detector. The battery compartment is also situated there.

When the battery becomes low, the power indicator changes its color from green to orange. When the battery is about to discharge completely, the power indicator becomes red.

The device is powered by 1 LR06 (AA) battery. The resource time is 10-20 hours.

